

DES MOINES WASTEWATER RECLAMATION AUTHORITY
TECHNICAL COMMITTEE

Des Moines Wastewater Reclamation Facility
3000 Vandalia Road
Des Moines, Iowa

August 9, 2022
1:30 p.m.

MINUTES

ITEM 1: Call to Order

Shane Kinsey, Committee Chair, called the meeting to order at 1:30 p.m.

ITEM 2: Roll Call

Members in Attendance

Dan Scott, Altoona
Don Clark, Ankeny*
Jeff May, Clive
Eugene Schmitt, Des Moines
Shane Kinsey, Johnston
Wayne Schwartz, Norwalk*
Gary Patterson, Pleasant Hill
Bret VandeLune, Polk County
John Larson, Urbandale
Tim Royer, Waukee
Brian Hemesath, West Des Moines
Larry Hare, WRF

Others in Attendance

Scott Hutchens, Operating Contractor
James Beck, Operating Contractor
Lisa Etnyre, Operating Contractor
Melissa Schlickbernd, Operating Contractor
Patrick Brown, Operating Contractor
AJ Montefusco, Operating Contractor
Roxane Vaughan, Operating Contractor
Ben Warren, Operating Contractor
Kyle Wilson, Operating Contractor
Bob Veenstra, Veenstra & Kim
Jim Rasmussen, HR Green
Wayne Ruble, HR Green

* Participated in the meeting via telephone due to the fact that it was impractical or impossible to participate in the meeting in person due to proximity to meeting location

ITEM 3: Minutes for the June 14, 2022 meeting - Approval

Brian Hemesath made a motion for recommendation. Tim Royer seconded that motion. All in favor. The motion carried.

ITEM 4: WRA Ingersoll Run Outlet, Phase 28, Segment 1 - Project Recommendation

James Beck noted the project was identified in the WRA Facility Plan Update – 2012 which is one of the segments of sewer necessary to eliminate a combined sewer overflow location at 22nd and High Street in Des Moines. He noted the engineer's estimate for this project is \$19,000,000.00 with the 10-inch PCC alternate (Alternate 1) and \$17,600,000.00 with the 10-inch HMA alternate (Alternate 2). Bids will be taken on Tuesday, September 27, 2022. The bids will then be presented to the WRA Technical Committee at the October 11, 2022 meeting for review and recommendation to the WRA Board for consideration at the October 18, 2022 meeting.

Brian Hemesath made a motion for recommendation. John Larson seconded that motion. All in favor. The motion carried.

ITEM 5: WRF Digester Repairs and Improvements – Recommendation

James Beck explained that the improvements include hydro-demolition and replacement of a portion of the concrete lid for anaerobic digest No. 3, pre-cast concrete panel and joint repairs and cleaning to the exterior of anaerobic digesters No. 1-6, concrete crack repairs to the lid of anaerobic digesters No. 2-6, installation of new water level sensors and associated work for anaerobic digesters No. 2-6.

The engineer's estimate for this project was \$1,410,000.00 and bids were received on August 2, 2022 and the apparent low bid received was from Construction Leaders Company, LLC in the amount of \$1,280,350.00 which was 9.2% below the engineer's estimate.

Brian Hemesath asked about the items included in the project which would be eligible for reimbursement under the insurance claim that was submitted. James Beck noted that ICAP has been kept apprised during the design and bidding process and once all costs have been tabulated they will be submitted.

Jeff May made a motion for recommendation. Eugene Schmitt seconded that motion. All in favor. The motion carried.

ITEM 6: Supplemental Agreement No. 2 to the Professional Services Agreement for the WRF Digester #3 Structural Evaluation with HDR Engineering, Inc., in an Amount Not to Exceed \$136,814.00 – Recommendation

James Beck explained that Supplemental Agreement No. 2 amends the professional services agreement to provide Construction Phase Services for the WRF Digester Repairs and Improvements project. Approximately \$75,452.00 of the estimated fee is for services related to the structural repairs and the remaining \$61,362.00 of the estimated fee is attributed for the remaining project components.

Brian Hemesath made a motion to approve. Tim Royer seconded that motion. All in favor. The motion carried.

ITEM 7: WRF Blended Sludge Tank Mixer Replacement – Recommendation

James Beck noted that bids were received on August 2, 2022 for the project which includes replacement and modifications of the existing blended sludge wet well mixers, controls and associated supports, equipment, conduit and wiring, expansion of the existing electrical room to an adjacent room within Building 75 including installation of electrical gear and associated components, HVAC modifications, and other incidental items all in accordance with the plans and contract documents. The low bid received was from Woodruff Construction, Inc. in the amount of \$1,727,300.00 which was approximately 50.49% over the engineer's estimate

Brian Hemesath made a motion to approve. Tim Royer seconded that motion. All in favor. The motion carried.

ITEM 8: Supplemental Agreement No. 2 to the Professional Services Agreement for the WRF Blended Sludge Mixer Improvements with HR Green, Inc., in an Amount Not to Exceed \$153,875.00 – Recommendation

James Beck stated that on November 19, 2020 a professional services agreement with HR green, Inc. was approved by the WRA Director for design and bidding services associated with the WRF Blended Sludge Mixer Improvements. At this time there is a need for Construction Phase Services because the project has been bid. Supplemental Agreement No. 2 will amend the professional services agreement to provide Construction Phase Services for the WRF Blended Sludge Tank Mixer Improvements project.

Larry Hare made a motion to approve. Brian Hemesath seconded that motion. All in favor. The motion carried

ITEM 9: Professional Services Agreement with Veenstra & Kimm, Inc. for Design and Right-of-Way Services for the WRA Southern Tier Interceptor, Phase 10, Segment 23 Project in an Amount Not to Exceed \$227,292.00 - Recommendation

James Beck stated that an agreement for professional services has been negotiated with Veenstra & Kimm, Inc. for Design Services and Right-of-Way Acquisition Services for the WRA Southern Tier Interceptor Phase 10, Segment 23 in an hourly not to exceed amount of \$227,292.00. The estimated fee for design is \$199,084.00 and the estimated fee for right-of-way acquisition is \$28,208.00.

The scope of services for the project includes the design of a new sewer starting at a connection to the WRA Southside Des Moines River Interceptor and continuing southeasterly along an alignment generally parallel to the existing WRA Southern Tier Interceptor, Phase 10, Segment 6 sewer to the area of the existing WRA Equalization Basin, a distance of approximately 9,000 feet.

Brian Hemesath asked if WRA projects typically include right-of-way acquisition as part of the agreement with the design consultants. Bob Veenstra explained that historically the services have been included in the contract with the design consultant as it provides better coordination in WRA's experience.

Jeff May made a motion to approve. Eugene Schmitt seconded that motion. All in favor. The motion carried.

ITEM 10: Contract Status Update - Information

Larry Hare noted 35 inspections were completed in Johnston, Urbandale and Waukee, and he noted one exception was received and approved in July

ITEM 11: Contract Status Update - Information

James Beck noted that there have not been any consultant or construction contracts added in July 2022.

ITEM 12: WRA Conveyance Facility Plan Update 2024 – Information

Bob Veenstra with Veenstra & Kim, Inc. provided an overview to date of the WRA Conveyance Facility Plan Update 2024. Bob noted that there are several projects that were identified in the 2012 facility plan that will have their schedule changed based upon growth and capacity. He noted there were several needs identified for the planning period, but the needs were less extensive than anticipated and that the conveyance needs will be less extensive than the needs at the treatment facility.

Scott Hutchens noted the treatment facility plan is lagging the conveyance facility plan as anticipated and that once the treatment facility plan is closer to being finalized there will need to be meetings with the Board or a subcommittee of the Board to discuss future financing and an amendment needed to the 28E agreement.

ITEM 13: Other Business

None.

ITEM 14: Adjourn

Bret VandeLune made a motion to adjourn. John Larson seconded that motion. Meeting adjourned at 2:25p.m.